

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

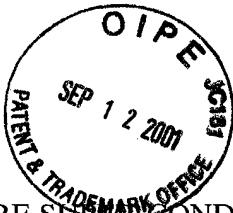
In re Patent Application of

WANG et al

Serial No. 09/854,937

Filed: May 15, 2001

For: HIGH-TEMPERATURE SUPER CONDUCTING ROTOR  
HAVING A VACUUM VESSEL AND ELECTROMAGNETIC  
SHIELD AND METHOD FOR ASSEMBLY



Atty. Ref.: 839-1016

Group:

Examiner:

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**ATTN: LICENSING AND REVIEW**

**DECLARATION**

We, Yu WANG, Konrad Roman WEEBER, Kiruba SIVASUBRAMANIAM, Robert John NYGARD, and Xianrui HUANG, whose residences are set forth below next to our names, do hereby declare as follows:

1. That we made and conceived the invention described in the U.S. patent application identified above.
2. That we made and conceived this invention while employed by General Electric Company, a corporation of New York, and to whom we have assigned all right, title and interest by virtue of a previously-filed Assignment document; that the invention is related to the work we are employed to perform and was made within the scope of our duties; that the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of our employer, General Electric Company.
3. That to the best of our knowledge and belief the invention was not made (conceived or first actually reduced to practice) under terms of any contract,

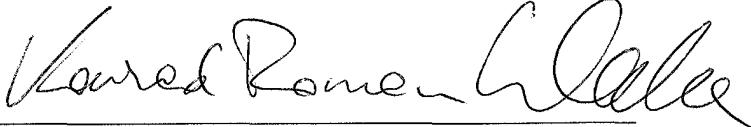
subcontract or arrangement entered into with or for the benefit of the National Aeronautics and Space Administration.

4. We declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

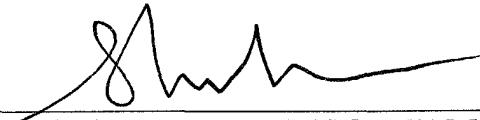
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Date: 8/13/01

  
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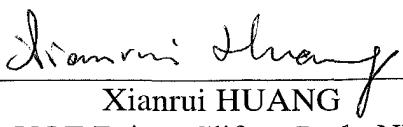
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SHIELD AND METHOD FOR ASSEMBLY



Atty. Ref.: 839-1016

Group: 2834

Examiner:

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HEREAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

The undersigned being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints Nixon & Vanderhye, P.C., 1100 North Glebe Rd., 8th Floor, Arlington, Virginia 22201-4714, telephone number (703) 816-4000, facsimile number (703) 816-4100, and the following attorneys thereof (of the same address) individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent: Larry S. Nixon, 25640; Arthur R. Crawford, 25327; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan,

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29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoa, 37515; Raymond Y. Mah, 41426; Chris Comuntzis, 31097; James Mitchell, 25602, General Electric Co., 3135 Easton Turnpike (W3C), Fairfield, CT 06431; James E. McGinness, 33260, GE Wilmington Facility, P.O. Box 780, Mail Code A11, Wilmington, NC 28401; Ronald E. Myrick, 26315, General Electric Co., 3135 Easton Turnpike (W3C), Fairfield, CT 06431; Jay Chaskin, 24030, General Electric Co., 3135 Easton Turnpike (W3D62), Fairfield, CT 06431; Ernest G. Cusick, 39476, General Electric Co., 1 River Road, Bldg. 37, 5<sup>th</sup> Floor, Schenectady, NY 12345; Henry J. Policinski, 26621, General Electric Co., 3135 Easton Turnpike (W3E), Fairfield, CT 06431-0001; Bernard Snyder, 24843, General Electric Co., 3135 Easton Turnpike (W3E), Fairfield, CT 06431-0001; and Catherine J. Winter, 38364, General Electric Co., 3135 Easton Turnpike (W3E), Fairfield, CT 06431-0001.

I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

**Certificate Under 37 C.F.R. §3.73(b)**

I hereby certify that General Electric Company of 1 River Road, Schenectady, NY 12345 is the assignee of the entire right, title and interest in the patent

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application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached.

I have reviewed the documents in the chain of title of the patent application identified above, and to the best of my knowledge and belief, title is in the aforesaid assignee for which I am empowered to act in this matter.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**GENERAL ELECTRIC COMPANY**

August 12, 1981  
Date

By:

Ernest G. Cusick  
Name:  
Title: Ernest G. Cusick  
Patent Counsel

SEP 12 2001  
PATENT & TRADEMARK OFFICE  
RECEIVED

**RULE 63 (37 C.F.R. 1.63)**  
**INVENTOR DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# HIGH-TEMPERATURE SUPER-CONDUCTING ROTOR HAVING A VACUUM VESSEL AND ELECTROMAGNETIC SHIELD AND METHOD FOR ASSEMBLY

the specification of which (**check applicable box(s)**):

is attached hereto  
 was filed on May 15, 2001 as U.S. Application Serial No. 09/854,937 (Atty. Dkt. No. 839-1016)  
 was filed as PCT International application No. \_\_\_\_\_ on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

**Priority Foreign Application(s):**

Priority / Origin Application No.: **Application Number**      Country      Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

**Application Number** **Date/Month/Year Filed**

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below.

**Prior U.S./PCT Application(s):**

Status: patented pending, abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby ask that all communications in this matter be directed to: **NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8<sup>th</sup> Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000.**

1.	Inventor's Signature:	<i>Yu</i>	Date:	<i>8/10/01</i>
	Inventor:	Yu (first)	WANG (last)	USA (citizenship)
	Residence: (city)	Clifton Park	MI	New York
	Mailing Address:	28 Spruce Street, Clifton Park, New York		(state/country)
	(Zip Code)	12065		

2.	Inventor's Signature:	<i>Konrad Roman Weeber</i>			Date: 8/15/71
	Inventor:	Konrad (first)	Roman MI	WEEBER (last)	Austria (citizenship)
	Residence: (city)	Rexford	(state/country)	New York	
	Mailing Address:	785 Riverview Road, Rexford, New York			
	(Zip Code)	12148			

See attached sheet(s) for additional inventor(s) information!!

RULE 63 (37 C.F.R. 1.63)  
INVENTORS DECLARATION FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

3. Inventor's Signature:

  
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(first) MI (last)  
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Sri Lanka (citizenship)

Residence: (city)

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4. Inventor's Signature:

Inventor:

  
Robert John NYGARD  
(first) John NYGARD  
MI (last)  
Date: 08/10/2001  
USA (citizenship)

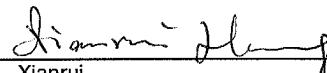
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5. Inventor's Signature:

Inventor:

  
Xianrui HUANG  
(first) MI (last)  
Date: 08/10/2001  
USA (citizenship)

Residence: (city)

Mailing Address:  
(Zip Code)

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